

DART
AEROSPACE
S008709

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Lug

PART NO: D3394 - 041

Revision:

Operation: Purchasing

Change No:

Mfg Date: 11/10/17

Job No: 167754



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D3394-041
Job Sheet 167754



Part No: D3394-041

Job Qty: 38 ea

Part Name: Lug



38 JLB

NOV 07 2017

Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/6/17

Job Tracking No:

Due Date: 11/30/17

Created By: Chantal Lavoie

Type: Stock

Description:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	30 Ea	11/29/17	11/29/17	0.00	0.00	Start Up Stores/Pkg2		
100	Purchasing	30 pcs	11/29/17	11/29/17	0.00	2.88	Purchasing		
110	Packaging	30 pcs	11/29/17	11/29/17	0.00	0.00	Packaging2		DAS
130	QC	30 pcs	11/29/17	11/29/17	0.00	0.00	QC6		38
140	HandFinish	30 pcs	11/29/17	11/29/17	0.00	0.36	HandFinish1	WIA	9-89
150	Powdercoat	30 pcs	11/29/17	11/29/17	0.00	0.44	Powdercoat1	WIA	DAS
160	QC	30 pcs	11/29/17	11/29/17	0.00	0.00	QC3		38
170	Small Fab	30 pcs	11/30/17	11/30/17	0.00	0.62	Small Fab		9-89
180	QC	30 pcs	11/30/17	11/30/17	0.00	0.00	QC5		38
190	Packaging	30 pcs	11/30/17	11/30/17	0.00	0.00	Packaging3	STJSP	9-89
200	QC21-SA	30 Ea	11/30/17	11/30/17	0.00	0.00	QC21		DEC 08 2017

Part Op 100 - Issue P.O.: 038720 Possible Supplier: Metec MANUFACTURE AS PER DWG C OF C I REQUIRED

Descriptions: 150 - START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____ NOV 06 2017 JLB

170 - Assemble as per Dwg D3394

Job Allocations

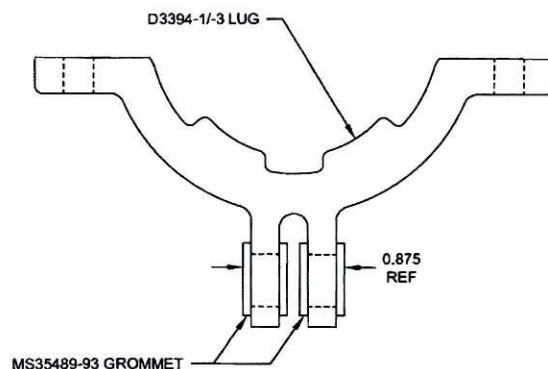
Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	D2423	2	895	0	0
	D3394-1P	30	0	0	0
170-Small Fab	MS35489-93	60	15	0	0

SO17062 71x FH36230-40 50172035x

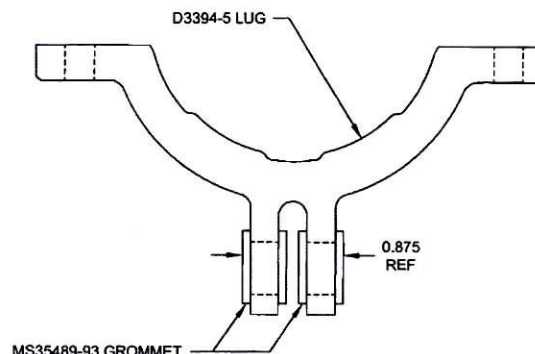
Part Specifications

Specifications could not be found.

QTY. -041	QTY. -043	QTY. -045	PART NUMBER	DESCRIPTION
X			D3394-041	LUG ASSEMBLY
	X		D3394-043	LUG ASSEMBLY
		X	D3394-045	LUG ASSEMBLY
1			D3394-1	LUG
	1		D3394-3	LUG
		1	D3394-5	LUG
2	2	2	MS35489-93	GROMMET



D3394-041/-043 LUG ASSEMBLY



D3394-045 LUG ASSEMBLY

DEO ATTACHED

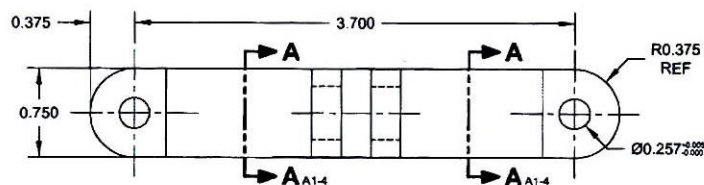
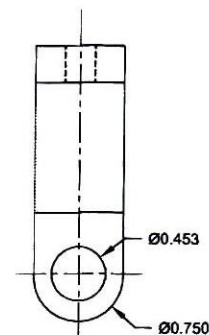
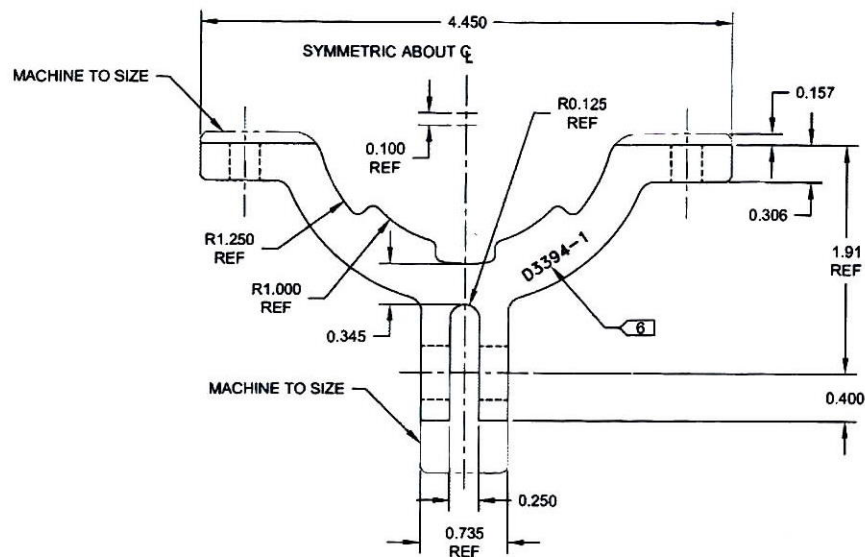
RELEASED
09/04/02

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.20 lbs APPROX

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 167425
DATE 17/11/06

B	ADDED -045. SHT 4 ADDED FILLETS IN SECTION A-A. SEE PAR 152	AJS	09.04.02
A	NEW ISSUE	PH	05.02.14
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS	DRAWING NO.	REV. B
CHECKED		D3394	SHEET 1 OF 4
MFG. APPR.		TITLE	SCALE
APPROVED		LUG	NTS
DE APPR.		COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	09.04.02		



D3394-1 LUG

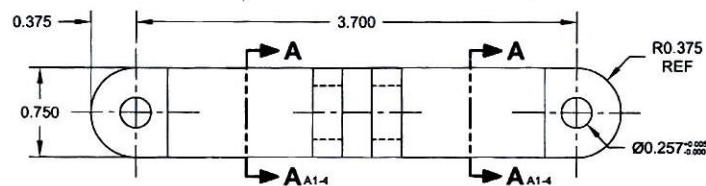
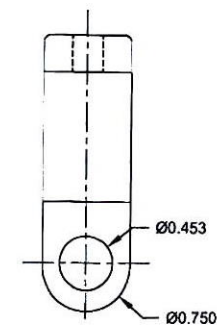
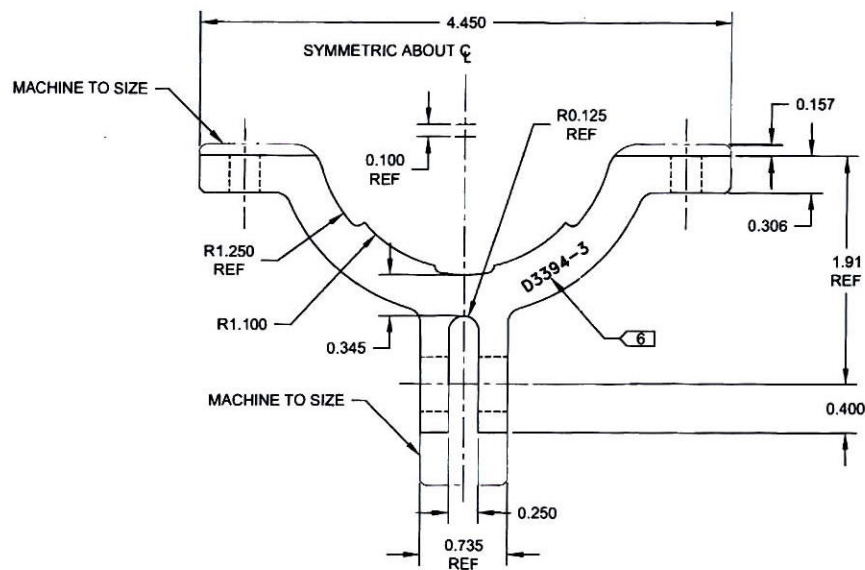
NOTES:

- 1) MATERIAL: MAKE FROM D2423
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE PART NUMBER TO DEPTH OF 0.010±0.005 IN THIS LOCATION.
WITH TOOL A TIP RADIUS OF 0.015±0.005
- 7) WEIGHT: 0.18 lbs

DEO ATTACHED

RELEASED
09/26/25

DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	A.S.		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3394	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		LUG	NTS
DATE	09.04.02	COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	



D3394-3 LUG

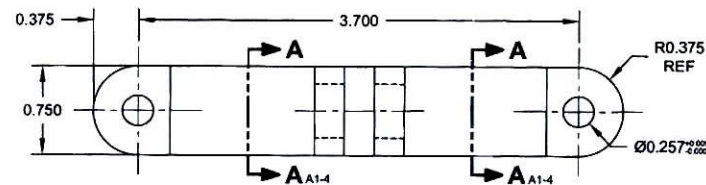
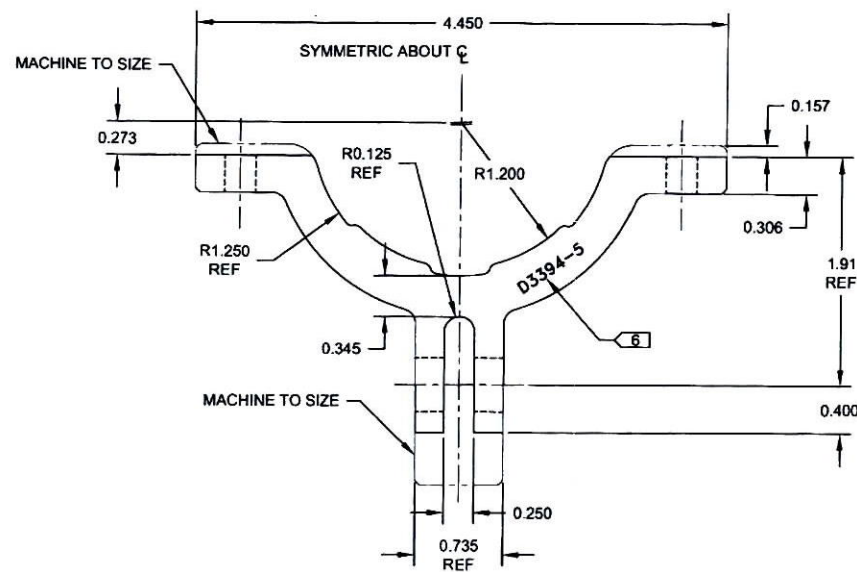
DEO ATTACHED

RELEASED
09/05/25 MP

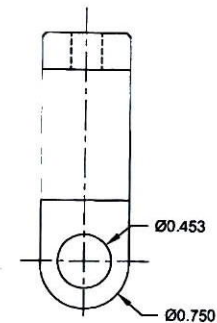
NOTES:

- 1) MATERIAL: MAKE FROM D2423
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE PART NUMBER TO DEPTH OF 0.010±0.005 IN THIS LOCATION,
WITH TOOL A TIP RADIUS OF 0.015±0.005
- 7) WEIGHT: 0.18 lbs

DESIGN	PH	DART AEROSPACE LTD	
DRAWN	A.S	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3394	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		LUG	NTS
DATE	09.04.02	COPYRIGHT © 2005 BY DART AEROSPACE LTD	
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D3394-5 LUG



SECTION A-A
B5-2
B4-2
B5-3
B4-3
B5-4
B4-4

NOTES:

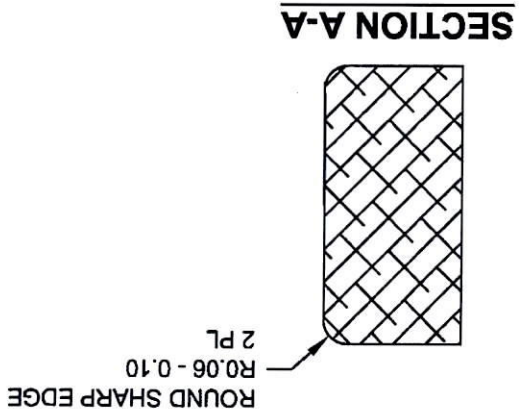
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- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE PART NUMBER TO DEPTH OF 0.010±0.005 IN THIS LOCATION,
WITH TOOL A TIP RADIUS OF 0.015±0.005
- 7) WEIGHT: 0.18 lbs

DESIGN	PH	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3394	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		LUG	NTS
DATE	09.04.02	COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

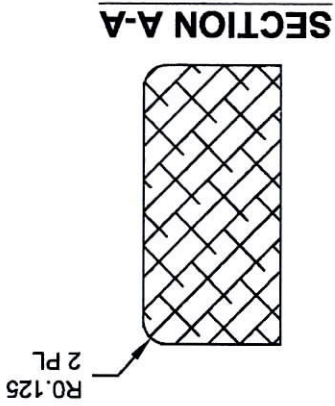
DRAWING NO.	D3394	TITLE	LUG	REV. B	DART AEROSPACE LTD ENGINEERING ORDER	D.E.O. NO.	D3394-B-1	SHEET NO.	SHEET 1 OF 1	SCALE	NTS
DRAWN	AJS	CHECKED		MFG. APPR.	APPROVED	DE APPR.					
DATE	09.11.04	DATE	09.11.04	DATE	09.11.04	DATE	09.11.04	DATE	09.11.04		

SHEET 4 ZONE A,1 MODIFY SECTION A-A AS SHOWN:

IS:



WAS:



REASON: DRAFTING ERROR

RELEASED
2009-11-25

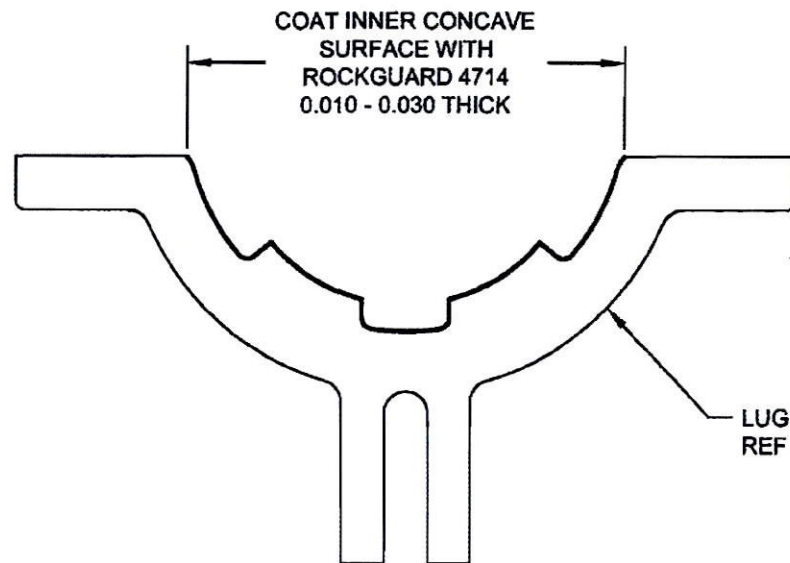
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DRAWN GP	CHECKED SC	MFG. APPR. M	APPROVED MP		DE APPR. H		
DATE 11.05.02	DATE 11.05.09	DATE 11.05.09	DATE 11.05.09		DATE 11.05.09		

PURPOSE

ADD D3394-xRG OPTION

CHANGE

D3394-xRG MOUNTING LUGS ARE INDENTICAL TO D3394-x MOUNTING LUGS, HOWEVER AFTER FINISH, COAT INNER CONCAVE SURFACE WITH "PLUS ONE ROCKGUARD 4714" AS SHOWN BELOW.



D3394-1RG LUG (SHOWN)
D3394-3RG/-5RG LUGS (SIMILAR)
D3394-041RG/-043RG/-045RG LUG ASSEMBLIES (SIMILAR)

RELEASED
2011-05-26
LW



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038270

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038270

PO Date: 11/6/17

Due Date: 11/22/17

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
NOV 07 2017

revised qty.

Items

Line Item	Part	Rev	Supplier Part No	Item No	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	D2731-3P	-			Lug As Per Dwg D2731 Rev.C		Firmed	11/22/17	48 pcs	0 pcs	48 pcs	\$15.00/pcs	\$720.00
Line Item Note job# 167722													
2	D3394-1P	-			Lug As Per Dwg D3394 Rev. B		Firmed	11/22/17	38 pcs	0 pcs	38 pcs	\$18.95/pcs	\$720.10
Line Item Note job# 167754													

38x
SP711-9
Grand Total: \$1,440.10

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

CL
WLB



20 Terry Fox Drive
Vankleek Hill, Ontario K0B 1R0 , Canada
Tel: (613) 678-3957
Fax: (613) 678-3956

Delivery Slip No.: 22202
Date: Nov 07, 2017
Page: 1

Sold to:	Ship to:
Dart Aerospace Ltd. Att. Linda Lacelle 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7	Dart Aerospace Ltd. Att. Linda Lacelle 1270 Aberdeen Street Hawkesbury, Ontario K6A 1K7
Order No.: PO038270	Sold By: Walz, Christian D.
Shipped By: your truck	Ship Date: Nov 07, 2017

Description	Bin Loc	Unit	Quantity ordered	Quantity shipped	Quantity on B/O
D2731-3 Mounting Lug Alodine and Paint as per QSI 005		Each	48	48	
D3394-1 Lug Alodine and Paint as per QSI 005		Each	38	38	

DAs
38
9-88

Sent 11-9

The delivered goods must be inspected upon receipt to confirm compliance.
Should there be discrepancies please notify METEC within 30 days of delivery.
The goods are otherwise deemed accepted.

Received by _____	Thank you for your order!
-------------------	----------------------------------



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0
Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Material Batch #	Paint Batch #	P.O. Number
✓ 48	D2731-3	Lug	127892	20100	38270
✓ 38	D3394-1	Lug	127892	20150	38270

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Jan Norris

Vankleek Hill, November 8, 2017